FIG. 1

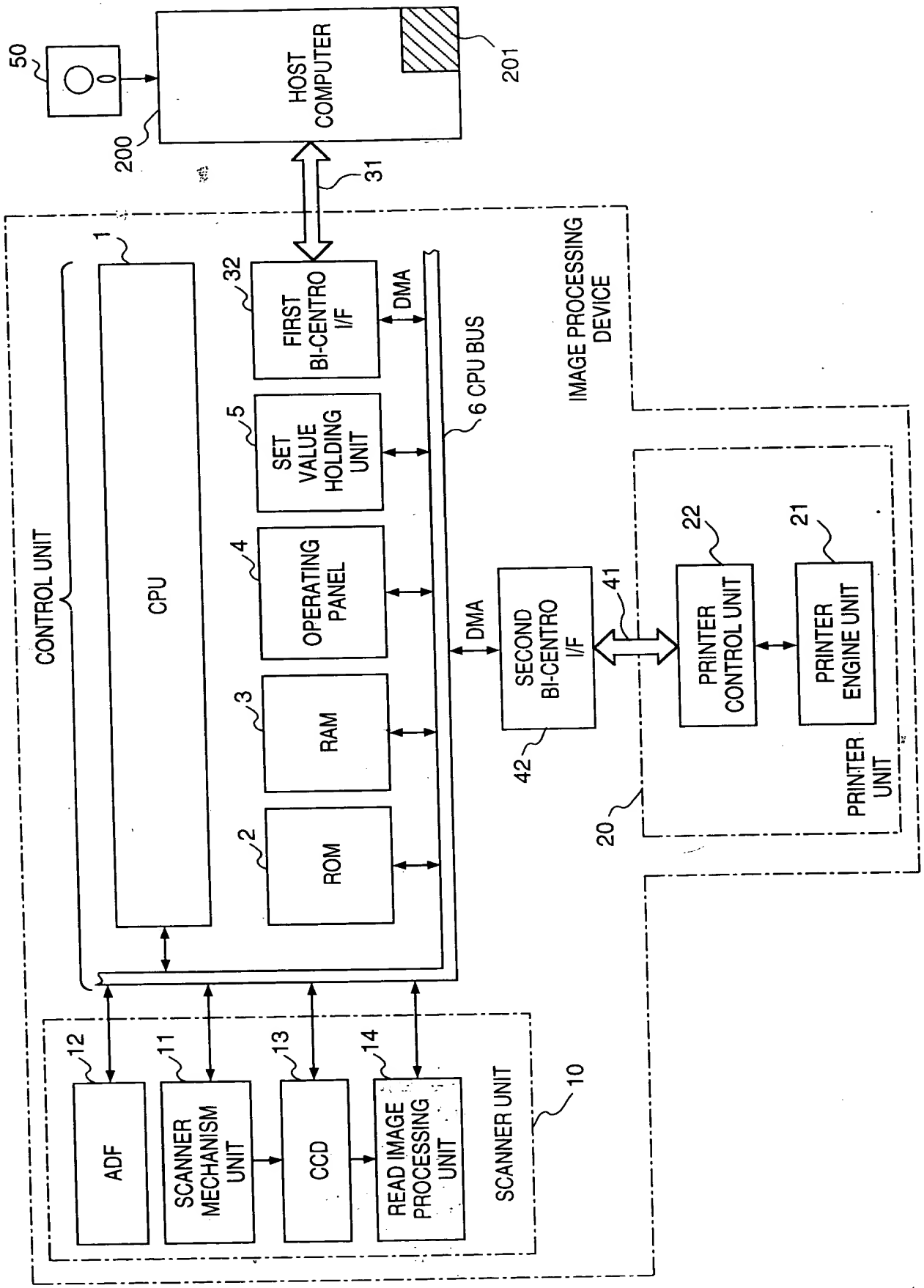
50
HOST COMPUTER
201
200
31
IMAGE PROCESSING DEVICE
CONTROL UNIT
1
CPU
32
FIRST BI-CENTRO I/F
DMA
6 CPU BUS
5
SET VALUE HOLDING UNIT
4
OPERATING PANEL
3
RAM
2
ROM
DMA
SECOND BI-CENTRO I/F
41
42
22
PRINTER CONTROL UNIT
21
PRINTER ENGINE UNIT
20
PRINTER UNIT
12
ADF
11
SCANNER MECHANISM UNIT
13
CCD
14
READ IMAGE PROCESSING UNIT
SCANNER UNIT
10

FIG. 2

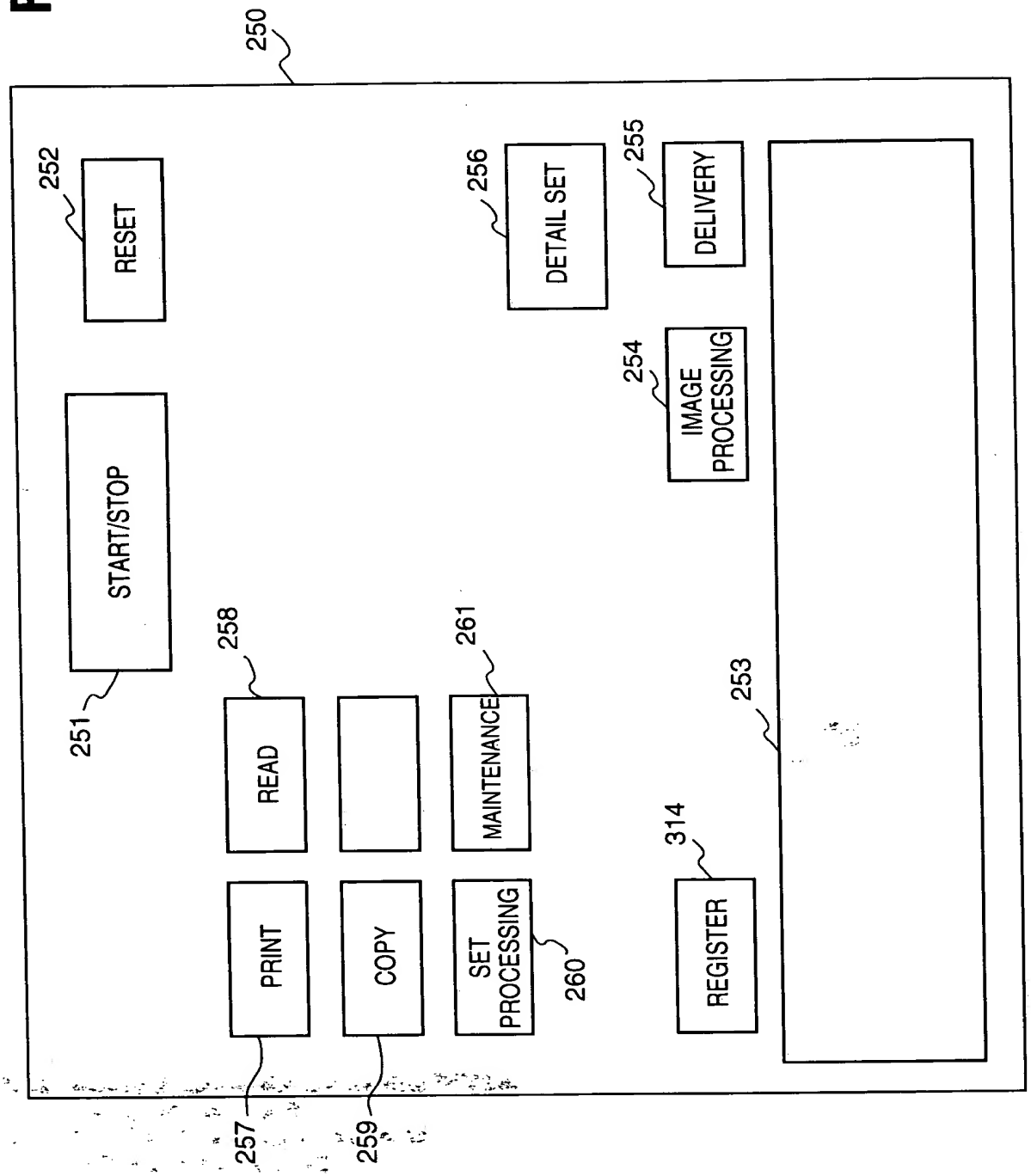
250
252
RESET
START/STOP
251
256
DETAIL SET
255
DELIVERY
254
IMAGE PROCESSING
253
258
READ
261
MAINTENANCE
314
REGISTER
PRINT
COPY
SET PROCESSING
260
257
259

FIG. 3

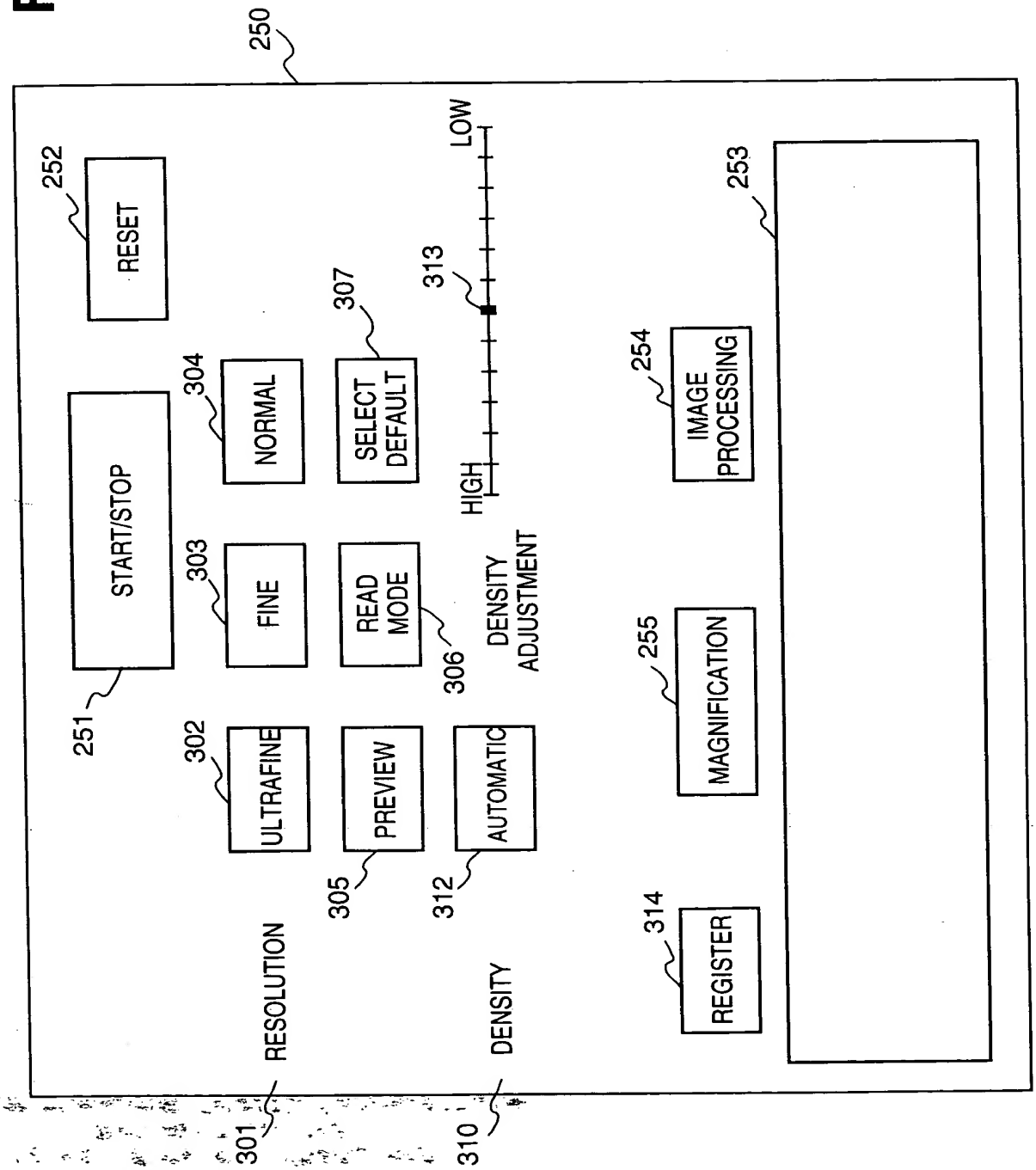
250
252
RESET
START/STOP
251
304
NORMAL
307
SELECT DEFAULT
313
LOW
HIGH
303
FINE
READ MODE
306
DENSITY ADJUSTMENT
302
ULTRAFINE
PREVIEW
305
AUTOMATIC
312
RESOLUTION
301
DENSITY
310
254
IMAGE PROCESSING
253
255
MAGNIFICATION
314
REGISTER

FIG. 4

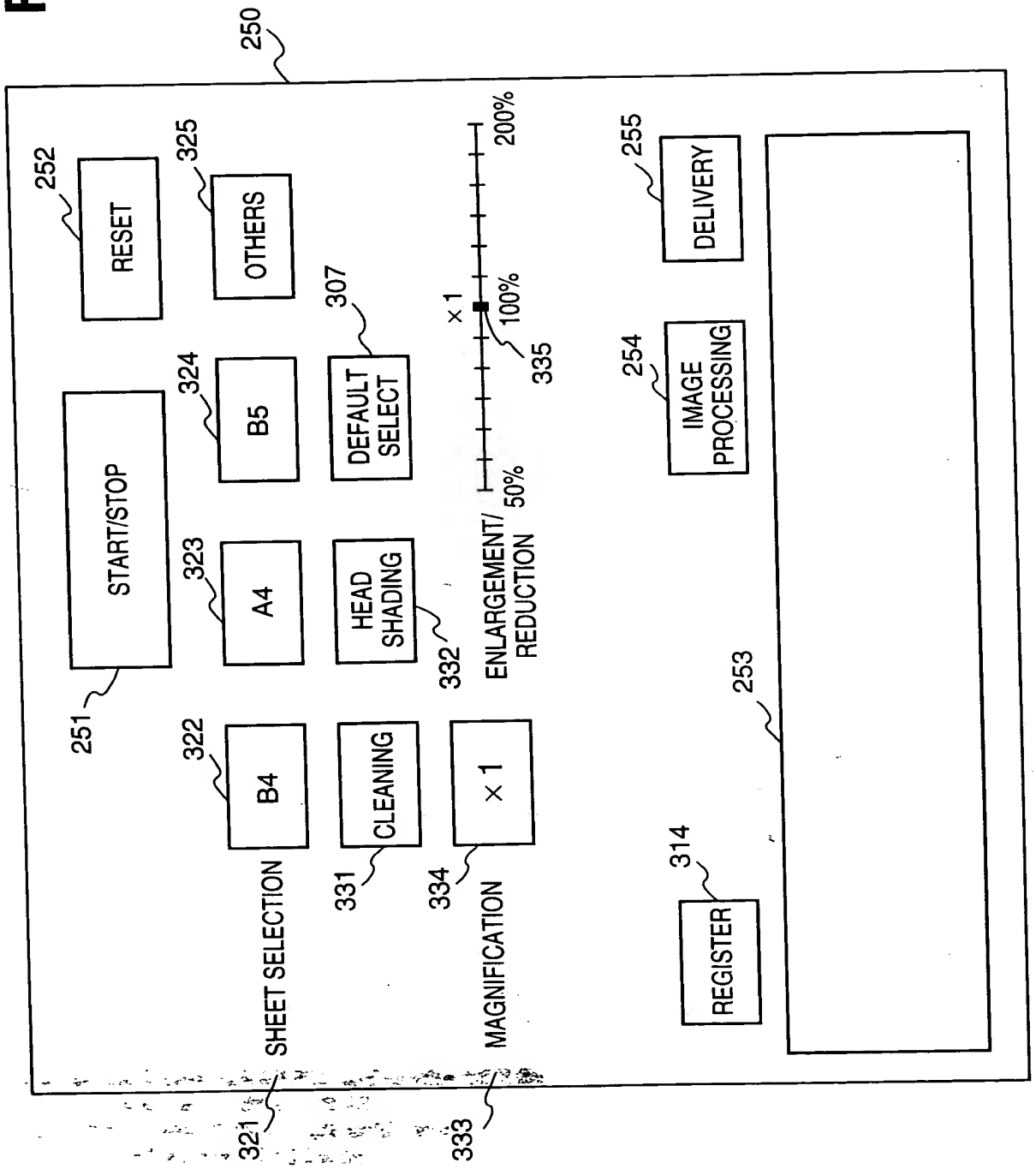
250
252
RESET
325
OTHERS
START/STOP
324
B5
307
DEFAULT SELECT
323
A4
HEAD SHADING
322
B4
CLEANING
× 1
251
331
332
334
SHEET SELECTION
MAGNIFICATION
ENLARGEMENT/ REDUCTION
200%
× 1
100%
50%
335
255
DELIVERY
254
IMAGE PROCESSING
253
314
REGISTER
321
333

FIG. 5

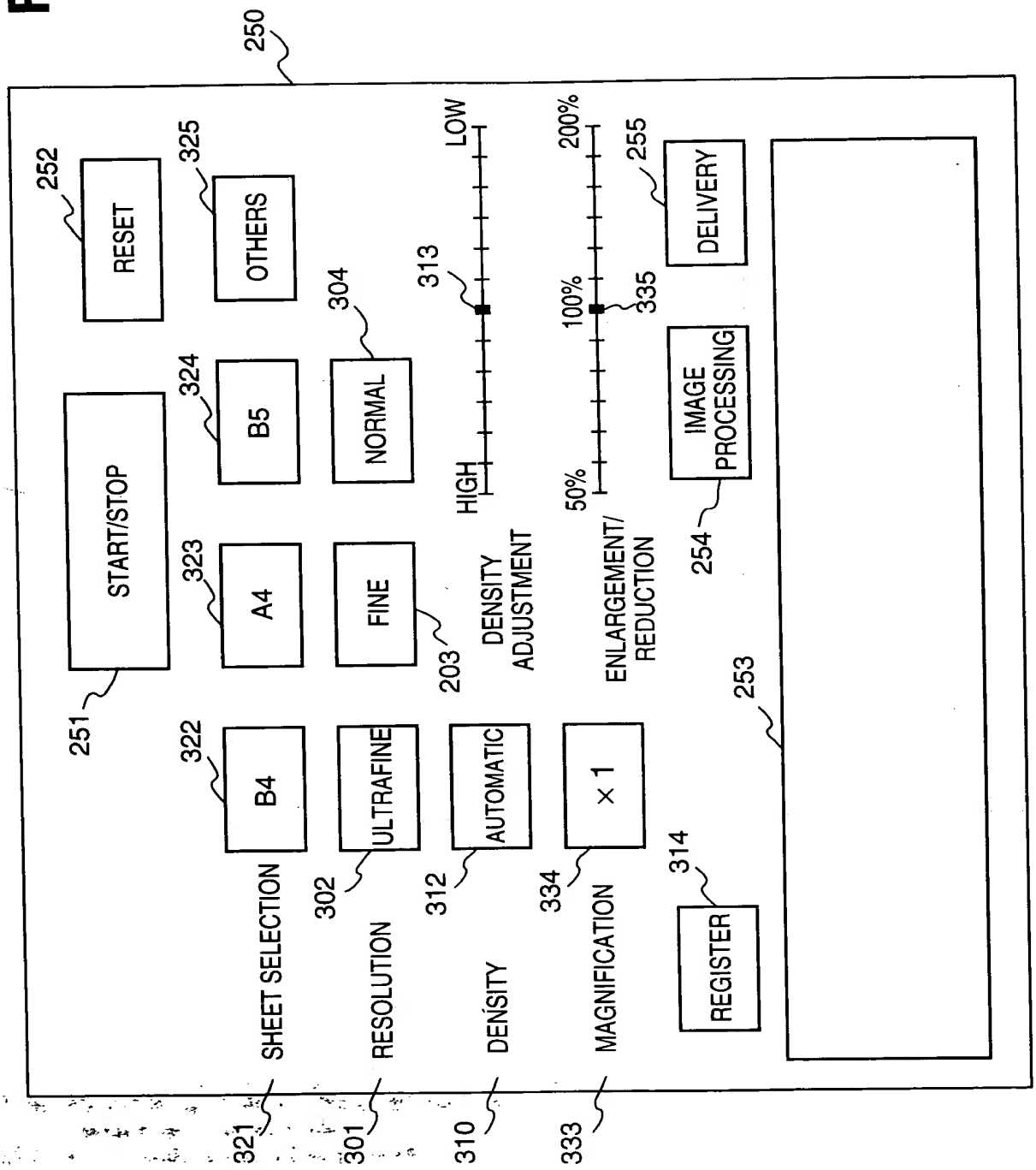
250
252
RESET
325
OTHERS
START/STOP
324
B5
304
NORMAL
313
LOW
200%
255
DELIVERY
323
A4
FINE
HIGH
100%
335
IMAGE PROCESSING
251
203
DENSITY ADJUSTMENT
50%
254
ENLARGEMENT/ REDUCTION
322
B4
ULTRAFINE
AUTOMATIC
× 1
253
314
REGISTER
SHEET SELECTION
RESOLUTION
DENSITY
MAGNIFICATION
321
301
310
333
302
312
334

FIG. 6

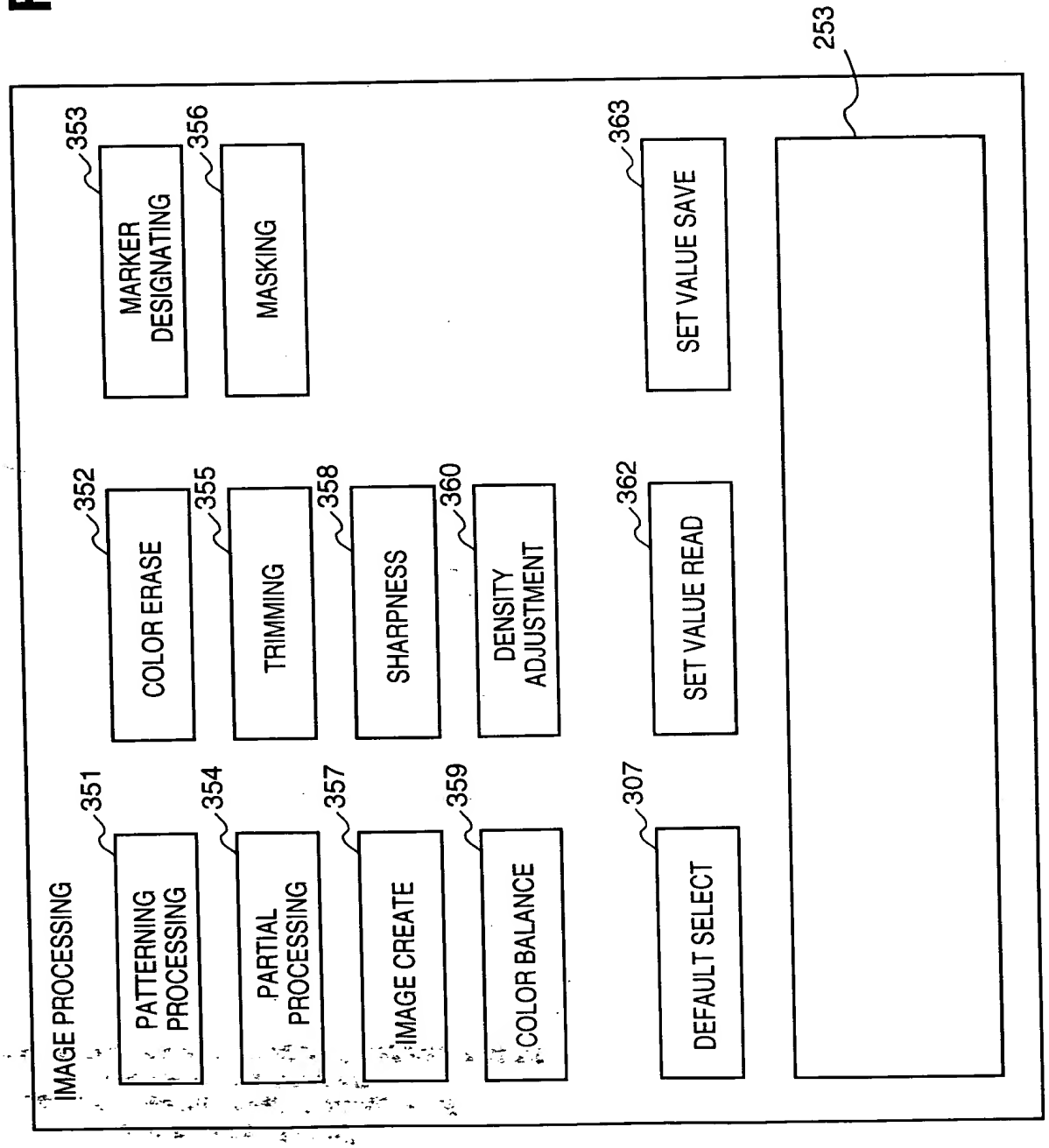
IMAGE PROCESSING
351
PATTERNING PROCESSING
354
PARTIAL PROCESSING
357
IMAGE CREATE
359
COLOR BALANCE
307
DEFAULT SELECT
352
COLOR ERASE
355
TRIMMING
358
SHARPNESS
360
DENSITY ADJUSTMENT
362
SET VALUE READ
353
MARKER DESIGNATING
356
MASKING
363
SET VALUE SAVE
253

FIG. 7

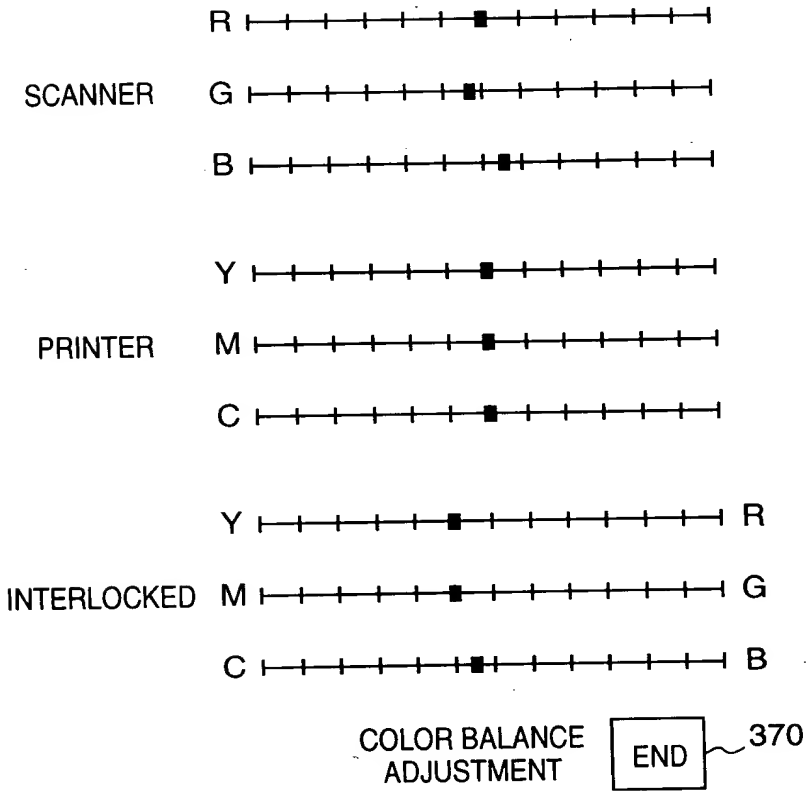
R
SCANNER
G
B
Y
PRINTER
M
C
Y
R
INTERLOCKED
M
G
C
B
COLOR BALANCE ADJUSTMENT
END
370

FIG. 8

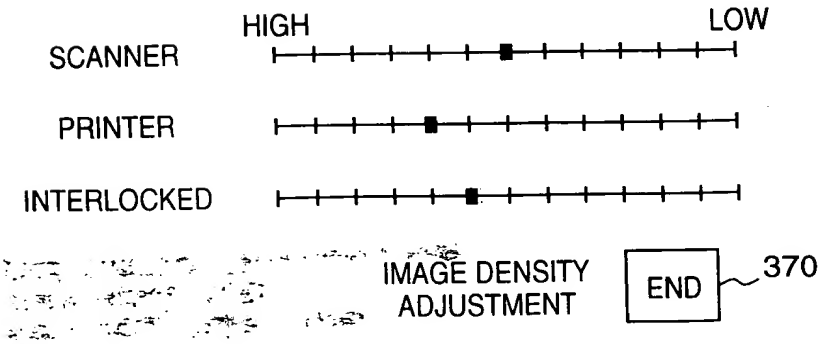
HIGH
LOW
SCANNER
PRINTER
INTERLOCKED
IMAGE DENSITY ADJUSTMENT
END
370

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FIG. 9

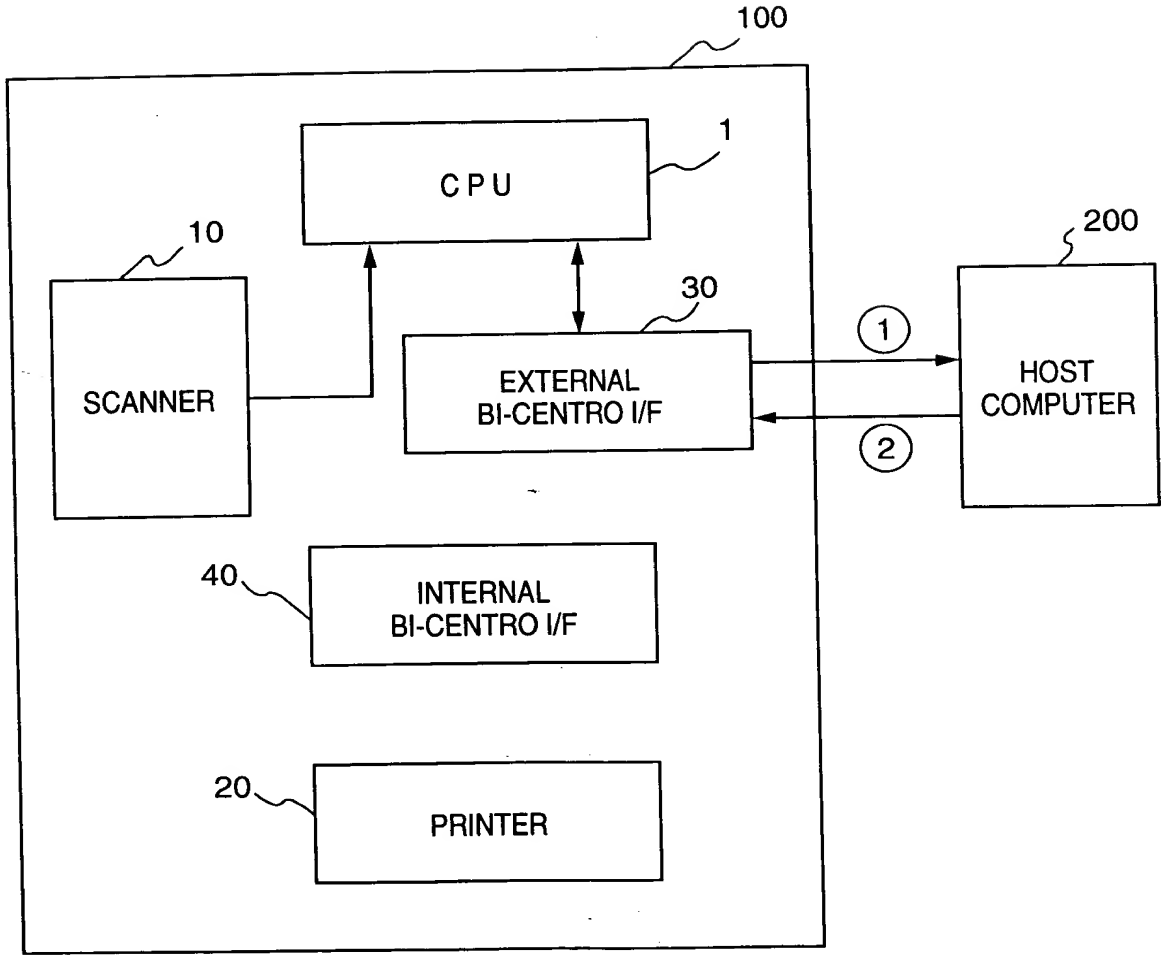


FIG. 10

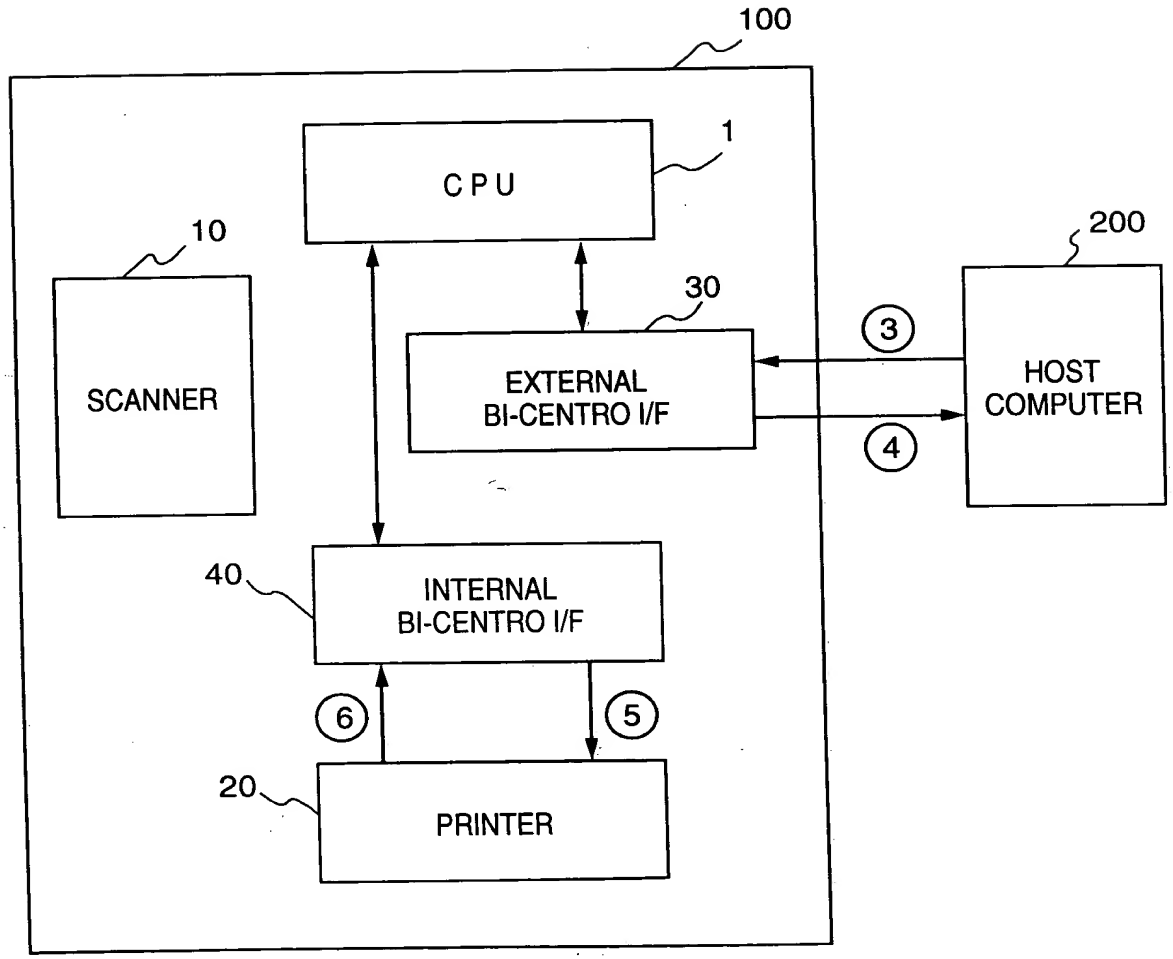

100
CPU
1
10
200
30
SCANNER
EXTERNAL
BI-CENTRO I/F
3
HOST
COMPUTER
4
40
INTERNAL
BI-CENTRO I/F
6
5
20
PRINTER

FIG. 11

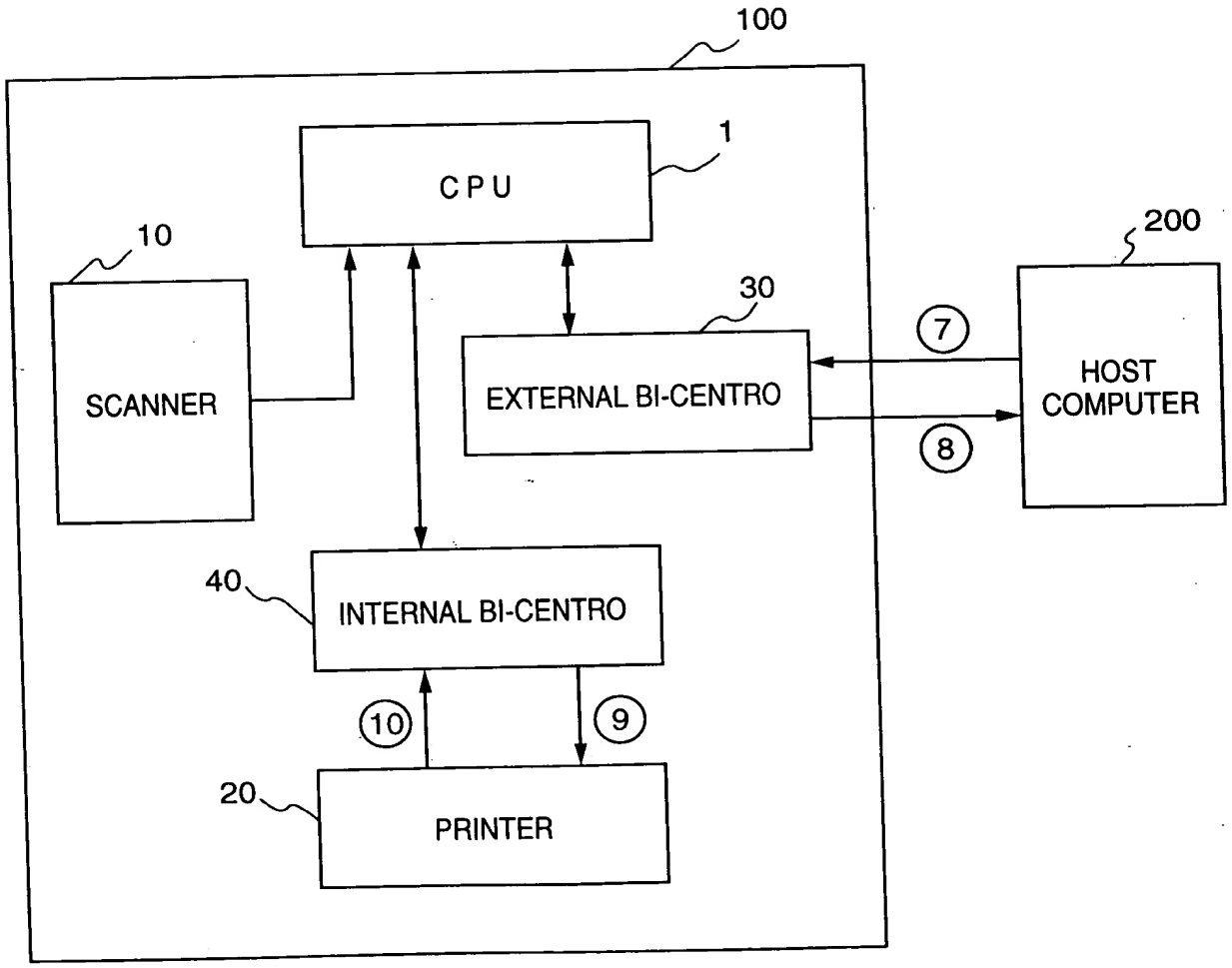

100
CPU
1
10
200
30
SCANNER
EXTERNAL BI-CENTRO
7
HOST COMPUTER
8
40
INTERNAL BI-CENTRO
10
9
20
PRINTER

FIG. 12

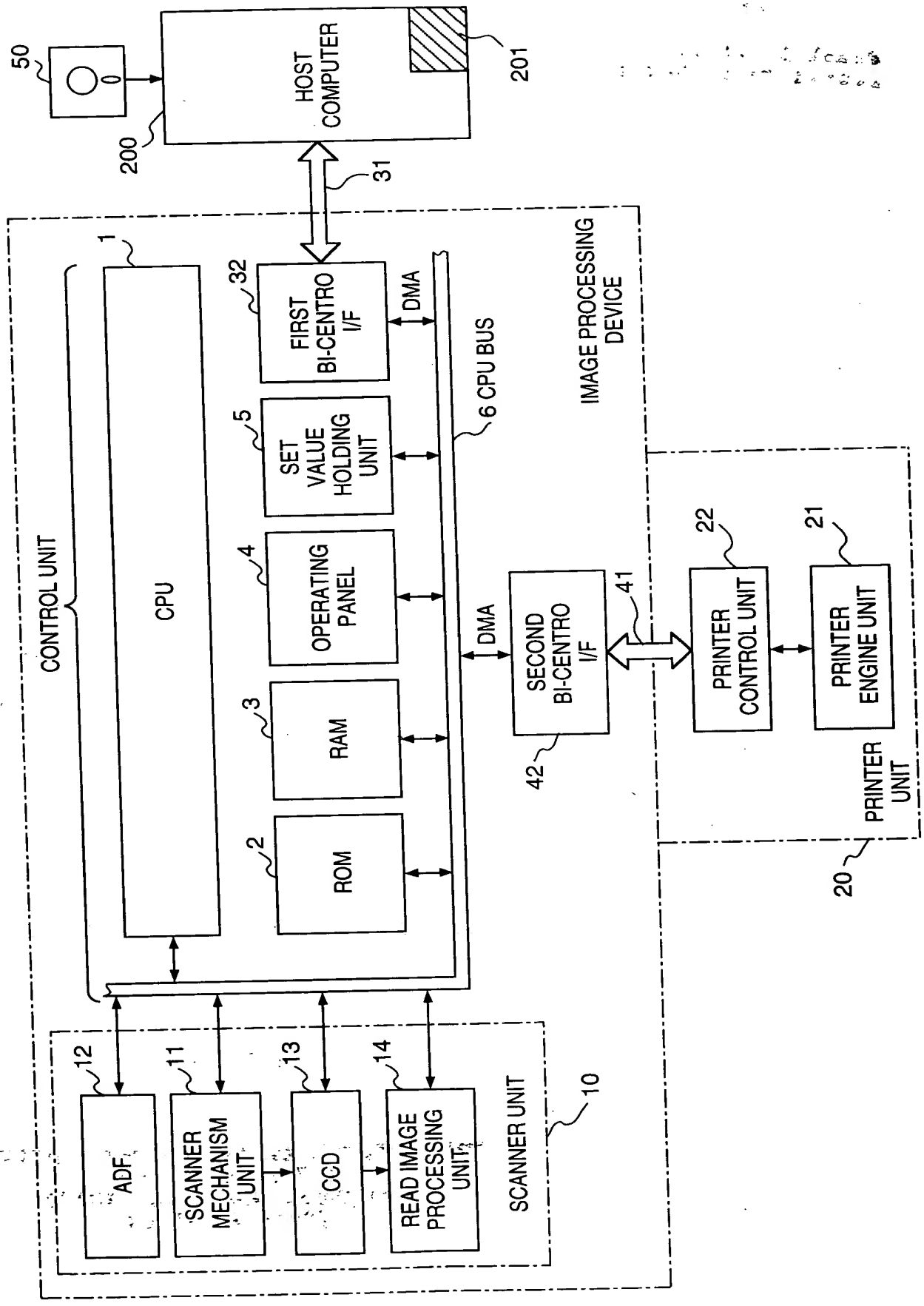

50
HOST COMPUTER
201
200
31
IMAGE PROCESSING DEVICE
CONTROL UNIT
1
CPU
32
FIRST BI-CENTRO I/F
DMA
6 CPU BUS
5
SET VALUE HOLDING UNIT
4
OPERATING PANEL
3
RAM
2
ROM
DMA
SECOND BI-CENTRO I/F
41
42
22
PRINTER CONTROL UNIT
21
PRINTER ENGINE UNIT
PRINTER UNIT
20
12
ADF
11
SCANNER MECHANISM UNIT
13
CCD
14
READ IMAGE PROCESSING UNIT
SCANNER UNIT
10

FIG. 13

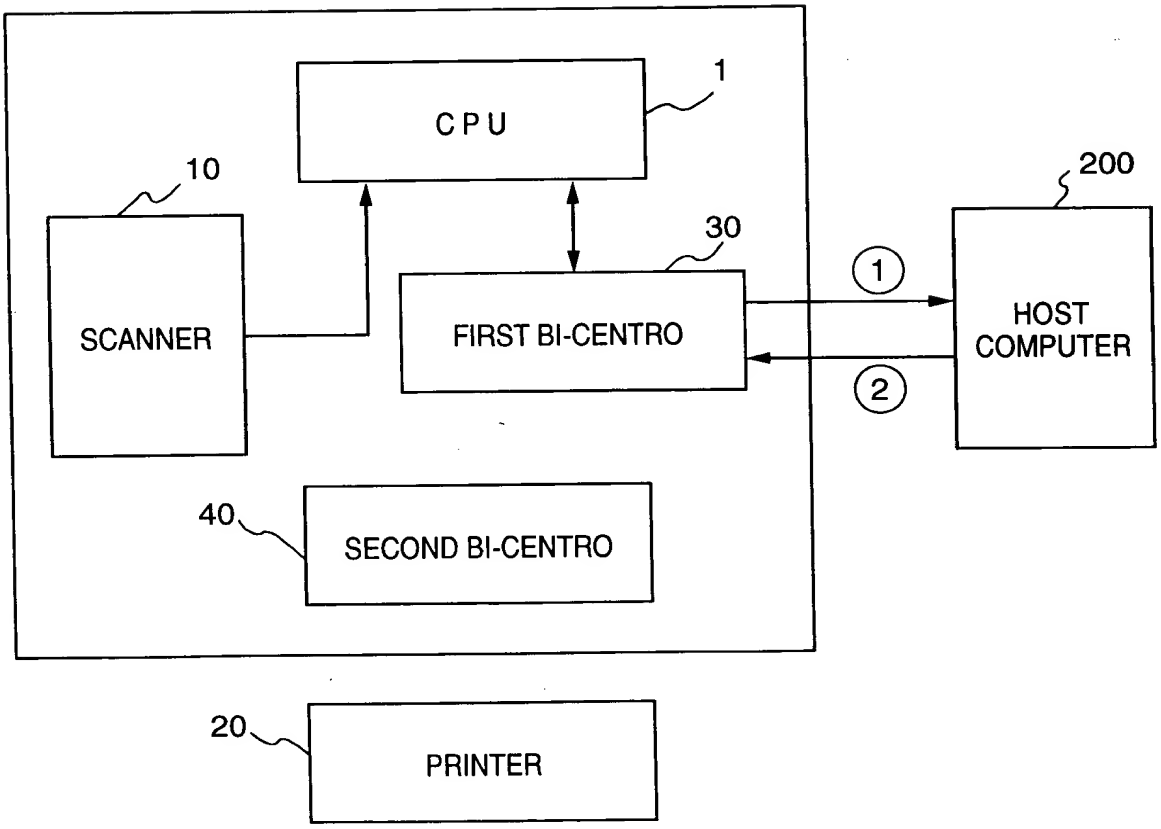

CPU
1
10
200
30
SCANNER
FIRST BI-CENTRO
1
HOST COMPUTER
2
40
SECOND BI-CENTRO
20
PRINTER

FIG. 14

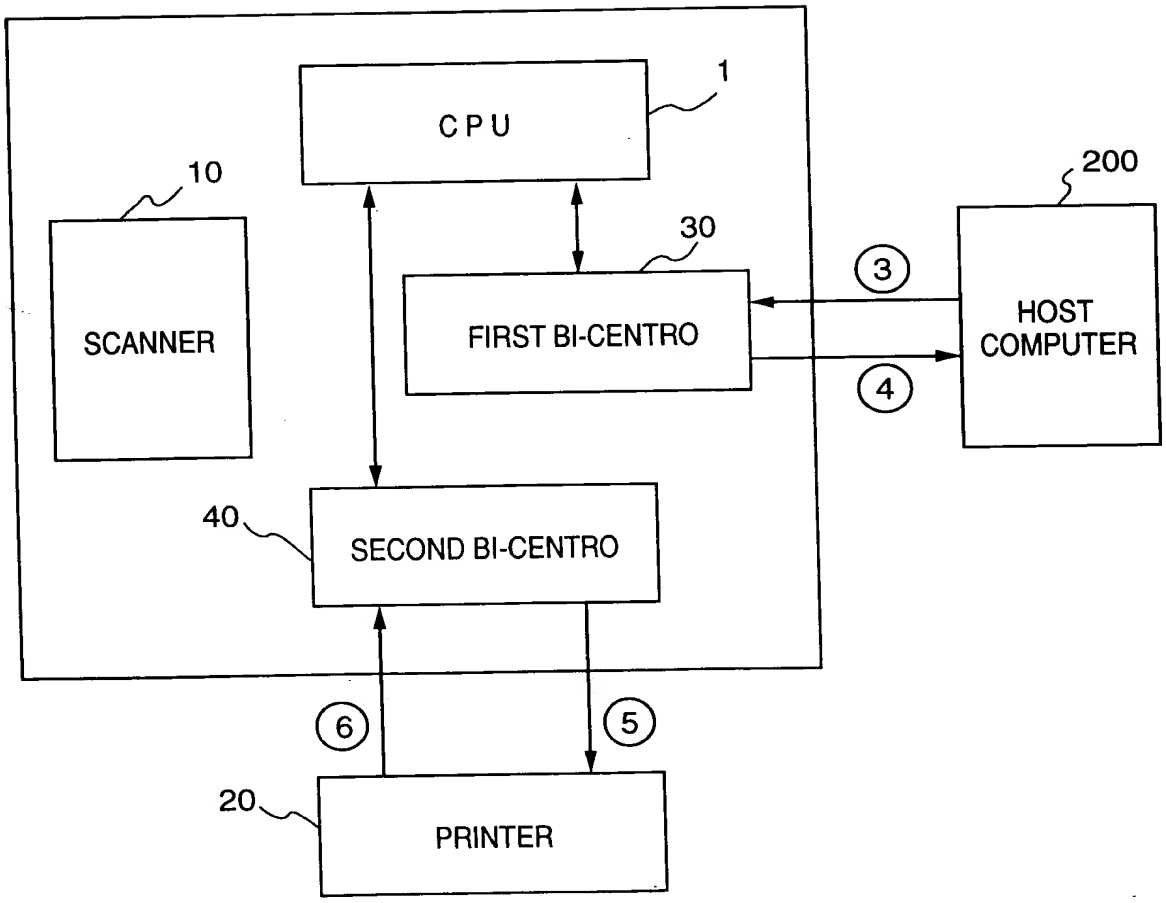
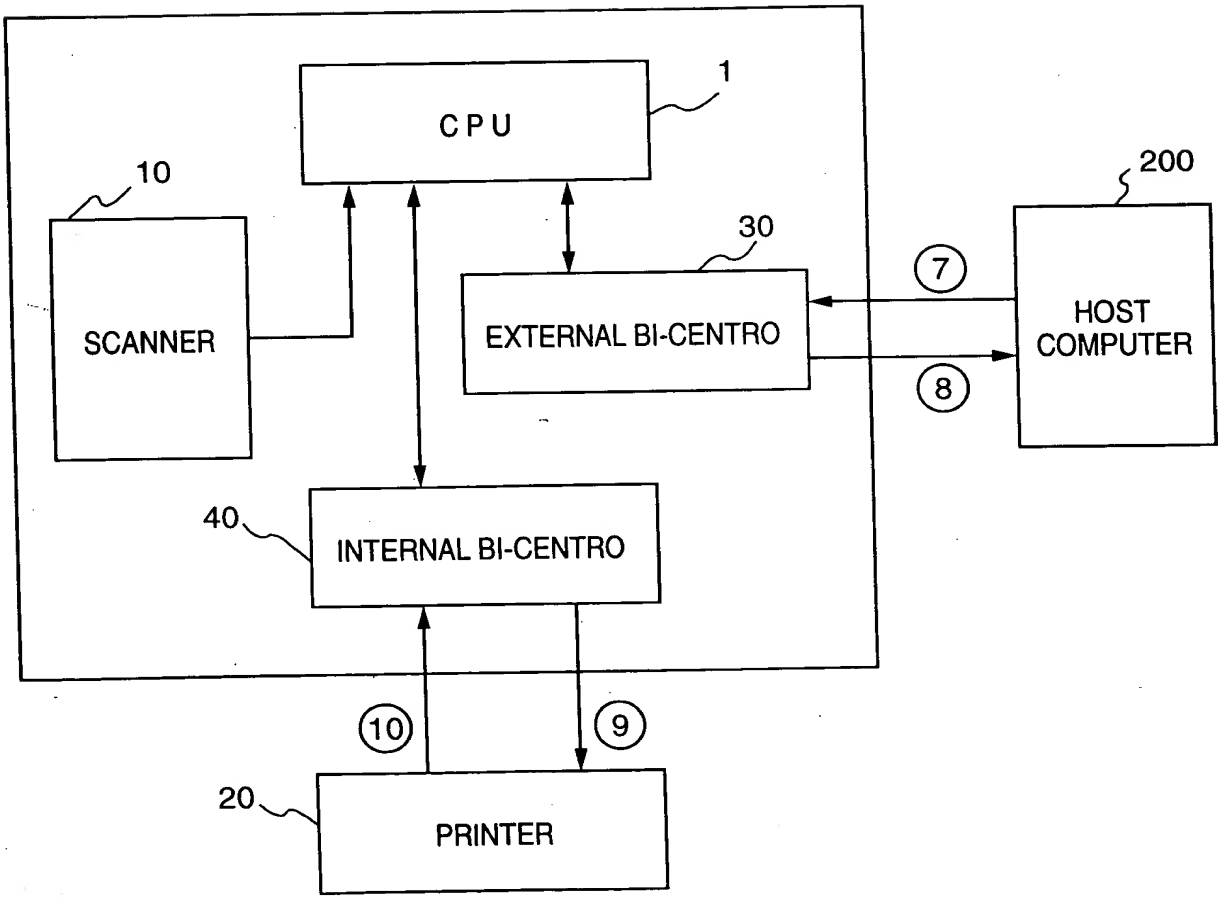

CPU
1
10
200
30
SCANNER
FIRST BI-CENTRO
3
HOST
COMPUTER
4
40
SECOND BI-CENTRO
6
5
20
PRINTER

FIG. 15


CPU
1
10
200
30
SCANNER
EXTERNAL BI-CENTRO
7
HOST
COMPUTER
8
40
INTERNAL BI-CENTRO
10
9
20
PRINTER